

IN THE SPECIFICATION:

On page 15, please amend the paragraph beginning at line 11 as follows:

In the optical apparatus of Fig. 1, since an electrostatic driving variable mirror is used as the variable mirror 409, the values in the LUT are indicated by the voltages, but an electromagnetic driving variable mirror may be used. In this case, it is merely necessary that the values in the LUT are indicated by electric currents flowing through the individual electrodes. Also, in the present invention, the value of the voltage or electric current used for driving the thin film 409 is referred to as driving information.

On page 15, please amend the paragraph beginning at line 18 as follows:

Although the optical apparatus of Fig. 1 is constructed to use the variable mirror 409, the present invention is not limited to this construction, and a zoom operation may be performed by a combination of a variable optical-property element which can change aberration, such as a variable focal-length lens or a variable prism, [[that the aberration can be changed]] and the electronic zoom.